

) STATE:	<u>O</u>	且	(2 CHANACTENS)	

- 2) COUNTY: FRANKLIN
- 3) USEPAID: Q H D 980510226 (2 CHARACTERS)
- 4) STPR: H
- 5) SITE: MARBUECLIFF QUARRIES DUMP
- 6) ADDRESS: DUBLIN ROAD
- 7) CITY: CommBus
- 8) ZIP:
- 9) START; \_\_\_\_\_
- 10) WP; \_\_\_\_\_
- 11) PREHRS:
- N) PROJHRS:
- B) FEPR:
- 14) 51:
- 15) HRS:
- 16) DRILL:
- 17) RST: \_\_\_\_
- 18) RTY:
- 19) TOD\_\_\_\_\_
- 20) COMMENTS \_\_\_\_

PRELIMINARY ASSESSMENT
NARRATIVE

Not port 1 glas Kie

Re: Marblecliff Quarries Dump

AKA Marblecliff Quarries Sanitary Landfill

OHD980510226 Franklin County February 6, 1986

The Marblecliff Quarries Dump is located in Norwich Township on Dublin Road, 3,700 feet north of Trabue Road and just west of the Schoto River. Surrounding land uses consist of active and abandoned limestone quarries, commercial and medium to low density residential.

The site is presently owned by Kaufman Investment Company of Columbus, Ohio and is part of a land parcel leased by American Aggregates for mining of limestone. Medussa Aggregates leased the property before Amercian Aggregates. Prior to its use as an area landfill, the site was a limestone quarry. It is believed this site is not in use at the present time.

Two 103(c) notifications were filed for the site; one by Columbus Coated Fabrics indicating organic and inorganic materials, heavy metals, paints and pigments were disposed of on the site. The other notification was by Kaufman Investment Company and indicates approximately 100 tons of those materials listed in Attachment A (from the Eckhardt Survey) are known to have been deposited on the site. Both 103(c) notifications indicate the site was used between 1950 and 1961. Columbus Coated Fabrics, now owned by Borden, Inc. was owned previously by Kaufman Investment Company.

Few records exist indicating the quality of the site for a landfill or the quality of the operation of the landfill. Records do indicate the site was used as a sanitary landfill and was prohibited from use for disposal of flammable liquids, explosives, sewage and other hazardous substances. A 1969 Ohio Department of Health inspector report on the landfill (in operation at the time) indicates earth and waste limestone were used as cover materials. It is believed this cover is similar to the flume sand which has limitations to preventing movement of leachate from landfills.

Site investigations of proposed landfills in quarries just west and south of the site indicated these sites to be generally unsuitable for development of sanitary landfills. The jointed-fractured nature of the underlying limestone may allow easy leachate movement from landfills on these sites. An investigation report (June 13, 1973) for a site just west of McKinley road indicates the water table gradient is toward the Scioto River. It is believed these same conditions exist at the Marblecliff Quarries Dump site. The same 1973 report also stated water well pumpage could alter the water table gradient possibly causing contamination of area wells. However, Ohio EPA believes only a handful of wells still exist in the area and most residences are on the Columbus Water System. The <u>Groundwater Resources of Franklin County, Ohio</u> (1958) indicates at the time of publication most wells in the vicinity drew from the limestone bedrock. Groundwater is obtained predominately from the Devonian and Silurian limestone and dolomite, with expected yields up to 175 gpm from the Devonian limestone.

Server a la companie de la companie

The Scioto River is used as a Public Water supply for the City of Columbus. The Dublin Road Water Treatment Plant (serves 250,144 people) draws water approximately four stream miles downstream of the landfill site.

Due to the potential for contamination of the Columbus Water Supply at the Dublin Road Water Treatment Plant, Ohio EPA recommends this site receive a high priority for both U.S. EPA and Ohio EPA action.

Prepared By:

Wm. M. Schride,

William M. Schneider Division of Solid & Hazardous Waste Management Central District Office Reviewed By:

Steven A. Rath, P.E., Unit Supervisor Division of Solid & Hazardous

Waste Management Central District Office

WMS/sc

1034T/32-33

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#### POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT ART 1 - SITE INFORMATION AND ASSESSMENT

L. IDENTIFICATION

01 STATE 02 SITE NUMBER

0 H D980510 226

PART 1 - SITE INFORMATION AND ASSESSMENT					
IL SITE NAME AND LOCATION					
01 SITE NAME (Legal, common, or descriptive name of sets)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER				
Marblecliff Quarries Dump	Dublin Rd				
OS CITY	D4 STATE D5 ZIP CODE   D6 COUNTY   07 COUNTY   08 CONG				
Calankar	OH. Franklin COOE DIST				
Columbus	ON.   FRANKLIN				
OF COORDINATES LATITUDE LONGITUDE					
N 39 59 58. W 63 05 00.	N.W. Columbus, OH Quad. # 115 DE				
10 DIRECTIONS TO BITE ISterring from nearest public result	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
From Columbus Take 940.3 33	Northwest to Trabue Rd; turn left				
(west); turn North (right) onto Dubli	N Kd.; Kight side, 3700 ft North				
of trabuc Rd.	edus.				
III. RESPONSIBLE PARTIES .					
D1 OWNER III browni	2151 E. Dublin-Granville Road Suite B-283				
Kaufman Investment Company	Suite B-263				
03 CITY	04 STATE 05 ZIP CODE OS TELEPHONE NUMBER				
Columbus.	OH. 43229 1614 899-1229				
COTOM OV2	OA STREET (Business, marrie, respinner)				
OLOE Elect Oir the monute and second control.	, landing, landing,				
OB CITY	10 STATE 11 ZIP CODE 12 TELEPHONE NUMBER				
13 TYPE OF OWNERSHIP (Chiek one)					
A. PRIVATE D B.: FEDERAL: (Agency rume)	D.C. STATE D.COUNTY D.E. MUNICIPAL				
D F. OTHER:	C, UNKNOWN				
(Specify)  14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)	6 19 191				
A. RCRA 3001 DATE RECEIVED: MONTH DAY YEAR B. UNCONTROLL	ED WASTE SITE (CERCLA 103 C) DATE RECEIVED: 7 /23/8/ C. NONE				
IV. CHARACTERIZATION OF POTENTIAL HAZARD					
D1 ON SITE INSPECTION BY IChock of their apply)	ACCURACION TO STATE TO BE OFFICE CONTRACTOR				
DI ON SITE INSPECTION  YES DATE 9,10,65(0EM) A EPA B B. EPA  E NO MONTH DAY YEAR  BY (Check of this abov)  A EPA B B. EPA  E LOCAL HEALTH OFF	A CONTRACTOR Z C. STATE D. OTHER CONTRACTOR				
CONTRACTOR NAME(S):					
102 SITE STATUS (Choice one) 03 YEARS OF OPERATION 2 1950 1974 CLUNKNOWN					
□ A. ACTIVE □ B. INACTIVE □ C. UNKNOWN □ UNKNOWN □ UNKNOWN □ UNKNOWN					
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED					
See attached list: Attachment A					
Jee andered 113. Interiment 11					
DE DESCRIPTION OF POTENTIAL MATARD TO ENDROMNENT AND/OR PORTE ATION					
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION					
Groundwater contamination and contamination of the Columbus					
surface water supply at the Dublin Road Water Treatment Plant.					
SUPTREE WATER SUPPLY OF THE DUDIN NOTE WHITE ITEMINENT / TENT.					
V. PRIORITY ASSESSMENT					
01 PRIORITY FOR INSPECTION (Check one: 8 high or measure is concessed, companies than 2 - Describion of Mazantous Conditions and Incidentary					
ZÃ. HIGH □ B. MEDIUM □ C. LOW □ D. NONE					
(inabesion required promptly) (inapesion required) (traspect on (one available base) (this further action record, compress current disposition form)					
VI. INFORMATION AVAILABLE FROM					
D1 CONTACT 02 OF (Approcy/Organic					
William M. Schweider Ohio EPA, Div. Solid Haz Waste Mat. 6141466-8934					
04 PERSON RESPONSIBLE FOR ASSESSMENT 05 AGENCY	DE ORGANIZATION OT TELEPHONE NUMBER OF DATE				
	Z,6,86				
Same	MONTH DAY YEAR				



#### POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 2 - WASTE INFORMATION

	I. IDEN	PICATION
-	DI STATE	02 SITE NUMBER
	OH	D980510226

	TATES, QUANTITIES, AN			· · · · · · · · · · · · · · · · · · ·			
DI PHYSICAL S	TATES (Creck all that appay)	02 WASTE QUANT		1.	ERISTICS (Checa at the a		
		Independenti In O	A JOXIC E. SOLUBLE I. HIGHLY VOLATILE B. CORROSIVE F. INFECTIOUS J. EXPLOSIVE				
		•	C. RADIO/	ICTIVE G. FLAM	MABLE 🗵 K, REACTI	VE .	
_ D. OTHER		CUBIC YARDS .		D. PERSISTENT M. IGNITABLE DI INCOMPATIBLE MI MOT APPLICABLE			
_ D. OTHER	(Sincity)	NO OF DRUMS .	UNKURWY	l'			
III. WASTE T	YPE	·			·		
CATEGORY	SUBSTANCE N	AME	DI GROSS AMOUNT	02 UNIT OF MEASURE	D3 COMMENTS		
SŁU	SLUDGE	<u> </u>	UNKNOWN	UNKNOWN	<u> </u>		
OLW	OILY WASTE			• 1	1		
SOL	SOLVENTS						
PSD	PESTICIDES			7			
occ	OTHER ORGANIC CH	EMICALS					
IOC	INORGANIC CHEMIC	ALS	-				
ACD	ACIDS		1	<del>                                     </del>		· · · · · · · · · · · · · · · · · · ·	
BAS	BASES		7/	\ ,		·—	
MES	HEAVY METALS	<del></del>	<del>                                     </del>	<del></del>	<u> </u>		
IV. HAZARD	OUS SUBSTANCES 1544 A	openate for most frequent	Ty čápa CAS Numbérs)	<del></del>	**************************************		
D1 CATEGORY	02 SUBSTANCE,N	AME	03 CAS NUMBER	04 STORAGE/DIS	POSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
-							- 1
	<del></del>	<del> </del>	†				
mES	Arsenic		7440-38-2	LF		UNKNOWN	UNKNOWN
MES	ANTIMONY		7440-36-0	LF		11	11
			7440 - 43-9	LF	<del></del>		10
MES	Cadmium				· <del></del>		1 1
MES_	Chromium	.,	7440- 47-3	<u>LF</u>	•	6,	<del></del>
SOL	Trichlorceth	/ lene	79-01-6	LF		<u> </u>	1.
		-			<del></del>	<del></del>	<del> </del>
	See Attachmen	;+ A.J	UNKNOWN	LF		CINFNOON	UNKNEWN
			<u></u>		·		ļ <u> </u>
·							
:							
		<del></del>	<u> </u>			·	· ·
							1
V. FEEDSTO	CKS ISee Appendix for CAS Number	N.İ.	<del>*</del>				
CATEGORY	D1 FEEDSTOC	K NAME	D2 CAS NUMBER	CATEGORY	D) FEEDSTO	OCK NAME	D2 CAS NUMBER
FDS	UNKNOWN	<u> </u>	· · · · · · · · · · · · · · · · · · ·	FDS	<del></del>	<del></del>	
FDS	DARBOICS			FDS			
FDS		<del> </del>	<del></del>	FDS	<del></del>		<del></del>
FDS	<del>-  </del>	<del></del>	<del> </del>	FDS	············	<del></del> <del>-</del>	<del></del> -
VI. SOURCES OF INFORMATION (Can appears references), e.g., assists time, appears program, reports ;							
		<del></del>	<del></del>		1 11 (11)	N 1 C1	
Ohio	EPA, COO, D.	time to	185 ; Fra	NKIN COUN	TY MEBITA	UEPT- FILES	Constant
1.esop	MENE CENVERSE	1000 / 12	O C NOTITI	( ) ( )	JOIT JUPYE	Y FRANKING	
"Gra	hene cenversa Adwater Reson	ces of A	enklin Count	y (1958).			

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## POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

- 1		FIFICATION
	DI STATE	02 SITE NUMBER D 9805/0226

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

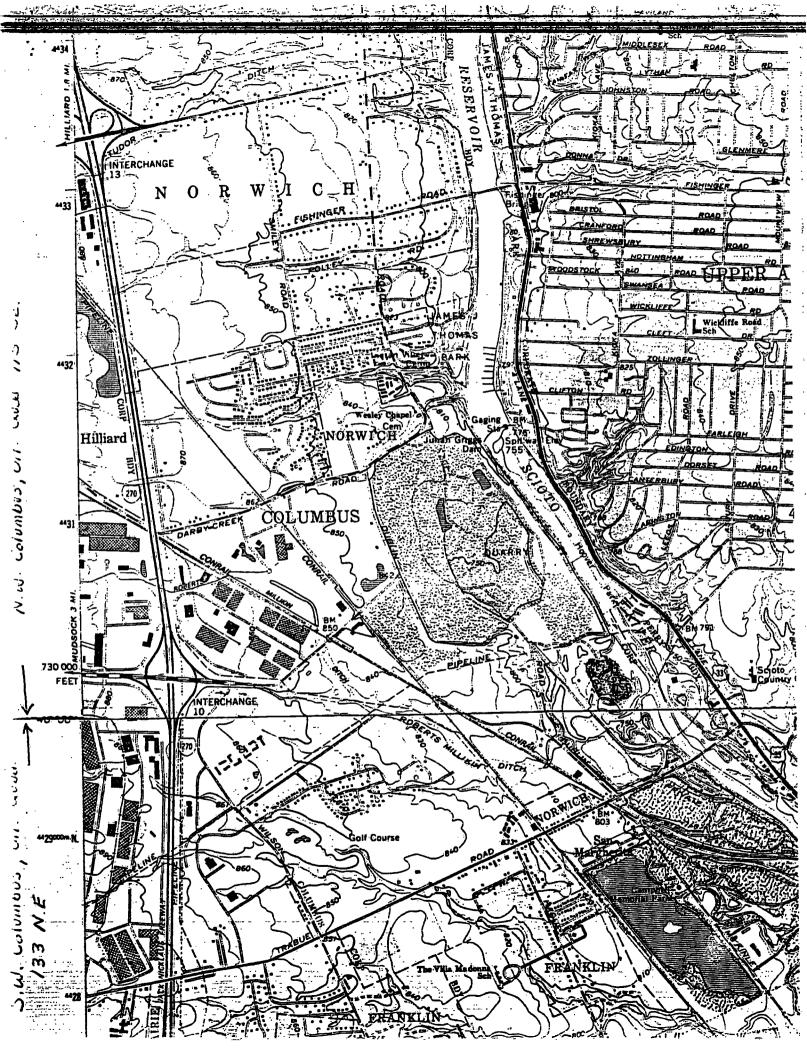
HAZARDOUS CONDITIONS AND INCIDENTS		<del></del>	<del></del>
01 A GROUNDWATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED: UNKNOWN	02 (1) OBSERVED (DATE	- POTENTIAL .	C ALLEGED.
Most people in immediate a	rea are on the Columbus	City water.	system.
	• • •		•
D1 28. SURFACE WATER CONTAMINATION 250, 144			C ALLEGED
Dublin Road WTP is 4.0	stream miles downstream	m of site	
***	• • • • • • • • • • • • • • • • • • • •	·	i s i i i i i i i i i i i i i i i i i i
PLA CONTAMINATION OF AIR	02 C OBSERVED (DATE:	☐ POTENTIAL	C ALLEGED
D1 C. CONTAMINATION OF AIR D3 POPULATION POTENTIALLY AFFECTED:	04 NARRATIVE DESCRIPTION	·	2 HALDED
UNKNOWN			
	•	•.	•
•			
DI C D. FIRE/EXPLOSIVE CONDITIONS	02 C OBSERVED (DATE)	_ POTENTIAL	_ ALLEGED
39 POPULATION POTENTIALLY AFFECTED:	04 NARRATIVE DESCRIPTION	_ FOIENIAL	- vertice
UN KNOWN			
	·		•
D1 C E. DIRECT CONTACT D3 POPULATION POTENTIALLY AFFECTED:	02 TOBSERVED (DATE) 04 NARRATIVE DESCRIPTION	- POTENTIAL	ALLEGED
-	·		
UNKNOWN			
·			
	AD TO ADDITION TO THE STATE OF	POTENTIAL	T ALLEGED
01.2F. CONTAMINATION OF SOIL 03 AREA POTENTIALLY AFFECTED: 35	02 ☐ OBSERVED (DATE	OTENHAL	i ALLEGED
Represents approximate size o	of landfill		•
		•	•
			• .
D1 56 DRINKING WATER CONTAMINATION 250,144	02 C OBSERVED (DATE:	POTENTIAL	T ALLEGED
S POPULATION POTENTIALES AND ESTADO.			- +-
Dublin Road WTP is approximat	tely 4.0 Stream miles do	unstreim ot	3716
•			
04 F. L. MODVED EVENOSIBE (IN 1919)	02 C OBSERVED (DATE:	☐ POTENTIAL	Z ALLEGED
D1 D H. WORKER EXPOSURE/INJURY D3 WORKERS/POTENTIALLY AFFECTED:	04 NARRATIVE DESCRIPTION	2 / OTENTIAL	C ACCOUNT
	·		•
unknown			
		· · · · · · · · · · · · · · · · · · ·	
D1 🖸 I. POPULATION EXPOSURE/INJURY	02 D:OBSERVED (DATE:)	POTENTIAL	ALLEGED
D3 POPULATION POTENTIALLY AFFECTED:	04 NARRATIVE DESCRIPTION		
rain at a second of the second			•.

### **SEPA**

### POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

01 STATE 02 SITE NUMBER 0 H 0980510226		FICATION	
コクロー・ロイメンシュインノブル	O1 STATE	DE SITE NUMBER	2776

PART 3 - DESCRIPTION OF HA	AZARDOUS CONDITIONS AND INCIDEN	TS (D. T. LDZ	<u> </u>
II. HAZARDOUS CONDITIONS AND INCIDENTS (Community			
01 🖸 J. DAMAGE TO FLORA 04 NARRATIVE DESCRIPTION	02 C OBSERVED (DATE:)	[] POTENTIAL	D ALLEGED .
じんとならかん			
		<del></del>	·
01 D.K. DAMAGE TO FAUNA 04 NARRATIVE DESCRIPTION (INCARDS REMORES) of Expected)	02 D OBSERVED (DATE:)	□ POTENTIAL	D ALLEGED
UNKNOWN		•	
UNKHODH		· · · · · · · · · · · · · · · · · · ·	· · ·
01 □ L CONTAMINATION OF FOOD CHAIN 04 NARRATIVE DESCRIPTION	02 D OBSERVED (DATE:)	© POTENTIAL	S ALLEGED
UNKNOWN	•		• •
01	02 - OBSERVED (DATE:)	POTENTIAL	☐ ALLEGED
iSpainmotizationing agreements armay 03 POPULATION: POTENTIALLY AFFECTED:	04 NARRATIVE DESCRIPTION		-
Site is unsuitable for a l	landfill.		
01 C N. DAMAGE TO OFFSITE PROPERTY . 04 NARRATIVE DESCRIPTION	02 C OBSERVED (DATE:)	D POTENTIAL	C ALLEGED
UNKNOWH			
·			
01 C O. CONTAMINATION OF SEWERS, STORM DRAINS. WWTP. 04 NARRATIVE DESCRIPTION	8 Q2 C OBSERVED (DATE:)	D POTENȚIAL	□ ALLEGED
UNKNOWN			
01 C P. ILLEGAL/UNAUTHORIZED DUMPING 04 NARRATIVE DESCRIPTION	02 G OBSERVED (DATE:)	D POTENTIAL	I ALLEGED
UN KNOWN			
UN FALLE	:		
05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLE	GED HAZARDS		·
; ;			
UNKNOWN			٠.
III. TOTAL POPULATION POTENTIALLY AFFECTED:	250,44		
IV. COMMENTS			
·			-
	· .		
V. SOURCES OF INFORMATION (Cite specific references: e. p., salata Maz	: sample analysis; reportš)		
See Sources part II.	:		
	- makes the second of a second second of the		



Company Name: Kaufman Investment Company

Site Name: Marblecliff Quarries Dump

#### E-11

Components (or characteristics) of process waste known to have been disposed at site or present in waste:

Base solutions, with pH 10 Heavy metals & trace metals (bonded organically and inorganically) arsenic, selenium, antimony iron, manganese, magnesium zinc, cadmium, copper, chromium (trivalent) chromium (hexavalent) lead Organics fungicides & intermediates halogenated aliphatics acrylates & latex emulsions plastizers resins elastomers solvents polar (except water) trichloroethylene : other solvents nonpolar solvents halogenated aliphatic oils and oil sludges esters and ethers alcohols -ketones & aldehydes ---Inorganics salts mercaptans Misc. paints and pigments wastes with flash point below 100°F